

REMARKS

The specification has been amended to insert a priority claim to FI 20022282, filed 12/30/2002. Note that the priority claim was previously made in a Declaration filed on 05/11/2004 in response to the Notice to File Missing Parts that was mailed on 05/04/2004, and a certified copy of the Finnish application was also filed. In the updated filing receipt mailed on 05/26/2004 the claim of foreign priority was recognized. Should there be any further issue with respect to the claim for priority the Examiner is respectfully requested to inform the undersigned attorney.

Claim 19 has been amended to be drawn to a computer readable medium, and should be found to present statutory subject matter in accordance with 35 USC 101.

Claims 1-19 have been amended to further clarify the claimed subject matter. Claim 7 is cancelled without prejudice or disclaimer.

Claims 1-19 are rejected under 35 USC 102(e) as being anticipated by Orchard (US 6,834,249). The rejection is respectfully disagreed with, and is traversed below.

The Examiner refers to Orchard at col. 8, lines 18-25 for purportedly teaching that in response to a gesture feedback is provided to the user. However, what is actually described is simply the response of the device to the detection of the rotation, that is moving the highlighted active region to another icon.

In contradistinction, the exemplary embodiments of this invention provide feedback, such as tactile feedback, for confirming to the user that the user's input was detected (e.g., see the specification at page 5, lines 1-4 and lines 14-16). It is not seen where Orchard expressly discloses or suggests the provision of feedback to a user for this purpose.

When rejecting claim 7 the Examiner refers to col. 8, lines 30-40 of Orchard for purportedly teaching that a selection is confirmed by feedback.

What Orchard actually teaches in col. 8, lines 18-40, is the following:

"As shown in display 500, one of the icons 502 is currently selected within a highlighted, active region 506. By rotating the PDA 100 to the right about the Y-axis, and back again (a complementary motion back to the original viewing position), motion control agent 114 generates instructions (e.g., to controller 102) to update display 500 to that of 520. More particularly, the highlighted active region 506 is moved one icon to the right (i.e., in the direction of the rotation). Similarly, rotation to the left about the y-axis (and a complementary motion back again) causes motion control agent 114 to generate control signals to controller 102 to send the highlighted active region back one incremental icon to icon 502. Similar movements about the x-axis would move the highlighted active region up or down in the active display. In accordance with one implementation, rotation about the z-axis (and a complementary motion back to the starting position) causes motion control agent 114 to issue control signals to controller 102 to launch the application associated with the icon in the highlighted, active region 506. In this regard, motion control agent 114 provides an intuitive means of interacting with an operating system of a computing device to control the operational state of the device."

Clearly, the motion control agent is used simply to control operation of the PDA. It is not seen where there is feedback provided in response to gesture detection.

To even further emphasize this aspect of the exemplary embodiments of the invention each of the independent claims has been amended in a similar fashion to state, as in claim 1, "providing a feedback in response to said gesture detection to confirm to a user that said gesture was detected". Further, claim 1 as amended recites "providing a gesture by tapping a device at least once". There is no similar disclosure in Orchard, which instead requires a rotation of the device.

As now presented for examination claim 1 recites:

A method comprising:
providing a gesture by **tapping a device at least once**, said gesture comprising at least one component of three dimensional motion that is detectable by the device,
detecting said gesture; and
providing a feedback in response to said gesture detection to **confirm to a user that said gesture**

was detected.

As now presented for examination claim 10 recites:

An electronic device comprising:
means for sensing multi-dimensional motion;
means for detecting a gesture made by a user **tapping the device at least once**, said gesture comprising at least one component of the multi-dimensional motion that is detectable by said sensing means; and
means for providing a feedback in response to said detected gesture to **confirm to the user that said gesture was detected.**

As now presented for examination claim 19 recites:

A computer readable medium that stores program instructions, execution of the program instructions resulting in operations that comprise providing interaction with a user of an electronic device, said device comprising an user interface and a motion sensor capable of detecting three dimensional motion, said operations further comprising detecting at least one gesture made by the user **tapping the device at least once**, said gesture comprising at least one component of the three dimensions, and providing a feedback in response to said detected gesture to **confirm to the user that said gesture was detected.**

There is no disclosure present in Orchard that would be found to anticipate the claimed subject matter under 35 USC 102(e), or that would render the claimed subject matter unpatentable under 35 USC 103(a).

In that the independent claims 1 and 10 are clearly allowable over Orchard, then all claims that depend from claims 1 and 10 are also clearly allowable for at least this reason alone.

Claims 20-25 are newly added and are supported throughout the specification and drawings as originally filed. Claim 20 is drawn to an apparatus that comprises:

a sensor configured to detect a tap performed by a user on the apparatus;
a tactile feedback generator configured to generate vibration pulses; and

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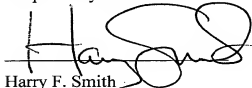
a controller coupled together with said sensor and said tactile feedback generator and configured to respond to a detection of at least one tap to activate said tactile feedback generator to confirm to the user that the tap was detected.

Claim 20 is also clearly allowable over Orchard, and all claims that depend from claim 20 are also clearly allowable for at least this reason alone.

The Examiner is respectfully requested to reconsider and to remove the rejections, and to allow all of the claims that are currently pending.

It is noted that the references cited but not relied upon were also reviewed. However, the relevance of US 6,572,883 (Illness Curative Comprising Fermented Fish) that was specifically noted by the Examiner on page 14 of the Office Action is not understood. Clarification is requested. If this US patent was cited in error, then perhaps the Examiner has another US patent in mind that should be reviewed.

Respectfully submitted:



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